

## Software Architecture Minutes - 10/9/2014

Attending: Ananthan, Beard, Bijur, Geng, Marker, Mills (recorder), Morgan, Triggs, Yu

### Agenda

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1. Updates and Announcements
  - DC Area Fedora Conference (Hoover, Triggs)
  - SVC pack 2.0 update, DOI update (for objects with HDLs)
2. R7.5 status
  - code complete Oct. 7
  - review of task/bugs in software libraries
3. Adding REF-1 datastreams (script of manual - ~300 objects)
4. Unpacking tar files (Triggs)
5. Process and policy for managing crons
6. SOLR searching tasks/bugs
7. Move NJEDL to one collection
8. Pending
  - IP restriction scenarios
  - Content model for dark archives

### 1) Announcements and updates

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DC Area Fedora Conference – Triggs reported back regarding the DC Area Fedora conference he and Hoover attended. Triggs will send his notes to the software architecture group listserv.

SVC pack 2.0 update – Bijur reported that the service pack 2.0 was installed on the staging server last week. There were some file system issues that required a conversion from the ext4 file system to a Btrfs file system. On the afternoon of the October 9<sup>th</sup> Bijur is planning to install the same service pack on the development system. Bijur will send email to the group if, and when, the service pack is installed.

DOI update – Ananthan reported the cleanup of the production resource with an identifier type =”doi” that have a value of an image file name is complete. Triggs will re-run the report on the production DOI’s to confirm the cleanup is complete and any DOI’s values that do not use the Rutgers shoulder are identified. This report will be run and its findings will be reported to the group by October 13<sup>th</sup>.

The service pack will be installed on production first and then after the service pack installation the job to create DOI’s for the legacy resources that only have handles will be scheduled and performed.

NJDH collection update – Ananthan reported the migration of the NJDH resources to the appropriate NJDH collection is complete. All NJDH resources and sub-collections are now discoverable and editable via WMS.

ETD cataloging – Marker reported to the group that Peter Konin will begin cataloging ETD submission starting with the October 2014 submissions.

Search portals – Marker reported to the group that Marty Barnett has taken the lead role in creating and configuring RUcore search portals.

### 2) R7.5 status

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Code freeze was October 7<sup>th</sup>. There are a few issues under WMS assigned to Yu, and marked active for 7.5 in software.libraries. Those issues will be reviewed and prioritized.

One issue that was discussed was the uploading of a resource that is a duplicate version. For 7.5 the current message in Faculty submission will be replaced with something friendlier. In 7.6 WMS/Faculty submission will add the functionality to replace WMS record metadata and files along with any files and metadata stored in Fedora. Geng will create a new feature request/task for 7.6 in WMS outlining this.

Developers were asked when marking an issue to “test” to also reassign the issue back to the initiator of the issue.

### **3) Adding REF-1 datastreams**

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Triggs will prepare a specification to add a REF-1 datastream to Faculty submission resources that have a coversheet. The REF-1 datastream will be pulled from a previous version of the current PDF-1 datastream. Triggs will bring the specification to the next meeting after running a test of the process on the development/test system.

### **4) Unpacking TAR files**

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This topic/job has not been completed but needs to be scheduled. Triggs will revisit the issue #2476 in software.libraries and start working on the job once again. Currently the job is grouped by content model. This job is currently scheduled to start after the DOI creation/update on production is complete.

### **5) Process and policy for managing cron jobs**

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Hoover was not in attendance so Mills decided to delay the topic to the next meeting.

### **6) SOLR searching tasks/bugs**

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The SOLR searching tasks and bugs that were moved from 7.5 to 7.6 will be worked on in 7.6 now that a new server environment will be used for 7.6 software development. Triggs will provide Hoover a list of his needs with respect to starting/stopping services and editing SOLR configuration files on the new development system.

### **7) Move NJEDL to one collection**

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A new job has been added to the RUcore reports and job project to move all resources with a collection identifier of NJEDL1 or NJEDL2 to the parent NJEDL collection. Once all resources are moved the NJEDL1 and NJEDL2 collection objects can be purged.

### **Next Meeting**

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- IP restriction scenarios (Jantz)
- Content model for dark archives (Jantz)
- Process and policy for managing cron jobs (All)
- Specification for adding REF-1 datastreams (Triggs)